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Docket No.: M4065.0698/P698  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kristy A. Campbell et al.

Allowed: November 9, 2004

Application No.: 09/943,190

Confirmation No.: 8483

Filed: August 29, 2001

Art Unit: 2825

For: METHOD OF FORMING  
CHALCOGENIDE COMPRISING  
DEVICES, METHOD OF FORMING  
A PROGRAMMABLE MEMORY  
CELL OF MEMORY CIRCUITRY,  
AND A CHALCOGENIDE  
COMPRISING DEVICE (AS  
AMENDED)

Examiner: Renzo Rocchegiani

**REQUEST FOR ACKNOWLEDGEMENT OF FORM PTO-1449**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In reviewing the above-captioned application file upon allowance, Applicants' undersigned have noticed that Applicants' Form PTO-1449, which accompanied an Information Disclosure Statement filed on April 8, 2003, has not yet been acknowledged by the Examiner. Copies of Form PTO-1449 and the date-stamped postcard evidencing

Application No.: 09/943,190

Docket No.: M4065.0698/P698

the filing of the same are attached hereto. The Examiner is therefore kindly requested to return the initialed form to the undersigned as soon as possible.

Dated: December <sup>9</sup>~~8~~, 2004

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

Elizabeth Parson

Registration No.: 52,499

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BEST AVAILABLE COPY

Atty Docket No.: M4065.0698/P698

Inventor: Kristy A. Campbell, et al

Application No.: 09/943,190

Filing Date: August 29, 2001

Title: METHOD OF FORMING NON-VOLATILE RESISTANCE VARIABLE DEVICES,  
METHODS OF FORMING A PROGRAMMABLE MEMORY CELL OF MEMORY  
CIRCUITRY, AND A NON-VOLATILE RESISTANCE VARIABLE DEVICE

Documents Filed:

Status Inquiry

Supplemental Information Disclosure Form PTO/SB/08A (2 pages)

Statement (3 pages)

Citation Documents (22 Documents)

Via:

Sender's Initials: TJD/TLJ/jl



PTO Daily Run

April 8, 2003

CAL 4-8-03



Docket No.: M4065.0698/P698  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Kristy A. Campbell, et al

Application No.: 09/943,190

Group Art Unit: 2818

Filed: August 29, 2001

Examiner: Not Yet Assigned

For: METHOD OF FORMING NON-  
VOLATILE RESISTANCE VARIABLE  
DEVICES, METHODS OF FORMING A  
PROGRAMMABLE MEMORY CELL OF  
MEMORY CIRCUITRY, AND A NON-  
VOLATILE RESISTANCE VARIABLE  
DEVICE

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached PTO/SB/08. It is respectfully requested that the subject matter of the documents be expressly considered during the prosecution of this application and that the documents be made of record therein and appear among the "References Cited" on any patent to issue from this application. A copy of each document is attached.

**This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned.**

A brief explanation of relevance of the non-patent documents listed on form PTO/SB/08 is provided and attached hereto as Appendix A. The brief explanation

provided for each document is not tantamount to an admission that a document is "material" or that it qualifies as prior art. The Examiner is respectfully requested to utilize Appendix A only as a tool by which to better categorize the documents for substantive use in examining the claims of the application.

Documents discussed in Appendix A marked with an asterisk (\*) are indicated to be potentially more relevant than others. Such marking is provided only to assist the Examiner; however, the Examiner is requested to thoroughly review all documents cited herein.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 C.F.R. § 1.98 and the Examiner is respectfully requested to consider and cite the listed documents.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0698/P698. A duplicate copy of this paper is enclosed.

Dated: April 7, 2003

Respectfully submitted,

By 

Thomas J. D'Amico

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Attorneys for Applicants

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	2	Attorney Docket Number	M4065.0698/P698
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**Complete if Known**

Application Number	09/943,190
Filing Date	August 29, 2001
First Named Inventor	Kristy A. Campbell
Art Unit	2818
Examiner Name	Not Yet Assigned
Attorney Docket Number	M4065.0698/P698

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	6,473,332	10/2002	Ignatiev et al.	
	AB	4,316,946	1/1982	Masters, et al.	
	AC	4,419,421	12/1983	Wichelhaus, et al.	
	AD	6,487,106	11/26/2002	Kozicki	
	AE	5,314,772	5/24/1994	Kozicki	
	AF	2002/0190350 APP	12/19/2002	Kozicki	
	AG	2003/0027416 APP	2/6/2003	Moore	
	AH	2003/0001229 APP	1/2/2003	Moore et al.	
	AI	2002/0127886 APP	9/12/2002	Moore et al.	
	AJ	2002/0123170 APP	9/5/2002	Moore et al.	
	AK	2002/0163828 APP	11/2002	Krieger et al	
	AL	6,072,716	6/2000	Jacobson et al.	
	AM	5,272,359	12/93	Nagasubramanian et al.	
	AN	4,671,618	6/87	Wu et al.	
	AO	4,800,526	1/89	Lewis	
	AP	2003/0035314	02/20/03	Kozicki	
	AQ	2003/0035315	02/20/03	Kozicki	
	AR				
	AS				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA					

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Complete if Known**

<b>Application Number</b>	09/943,190
<b>Filing Date</b>	August 29, 2001
<b>First Named Inventor</b>	Kristy A. Campbell
<b>Art Unit</b>	2818
<b>Examiner Name</b>	Not Yet Assigned
<b>Attorney Docket Number</b>	M4065.0698/P698

*(use as many sheets as necessary)*

Sheet	2	of	2	Attorney Docket Number	M4065.0698/P698
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[illegible]

Examiner Signature		Date Considered	
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.